



W1181-0085

W. Hamilton & Co.
W. H. B.

Profile & DK. Plans
as Built.

5/5" EMPIRE CALL

G.R. 1:1. Ref. N. 22639.

RETAIN



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Lloyd's Register
Foundation

WII81-0086

W. Hamilton & C. d.
W. H. L.

Merchant Service
as Built.

5/5 EMPIRE CALL

GR. M. C. RPT. N. 22639.

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S. S. "EMPIRE SWORDSMAN"

S. S. "EMPIRE CALL" MIDSHIP SECTION

SCALE $\frac{1}{2}$ " = 1 FOOT

TO CLASS 100AI WITH FREEBOARD AT LLOYDS SPECIAL SURVEY

DIMENSIONS - 426-1/2" B.P. ON LWL. & 56-0" MLD. 56-3" EXT. & 27-9" MLD. TO 2nd DECK 36-10" MLD. TO UPPER DECK

LLOYDS NUMERALS
FIRST LONGITUDINAL NUMBER $L \times D = 426-12 \times 35-75$ = 15233-79
SECOND $L \times (B+D) = 426-12 \times (56-0 + 35-75)$ = 33036-51
D TO LAYER DECK = 426-12 - 35-03 = 11-57
D MOULDED DEPTH = 27-75 + 8-0 = 35-75
4 = 27-75 - 3-75 + 3' FOR HIGHER BKT & G FOR DEEP KNEE = 23-40
4 AT HALF LENGTH FORWARD = 26-39

EQUIPMENT NUMBER
SECOND LONGITUDINAL NUMBER = 426-12 $\times (56-0 + 35-75)$ = 33556-78
MIDSHIP ACCOMMODATION & CABIN = 72-25 \times 80-1/2 = 588-00
SALOON = 31-0 \times 80-1/2 = 124-00
FORECASTLE = 34-5-75 \times 34 = 154-08
EQUIPMENT NUMBER = 40163-78

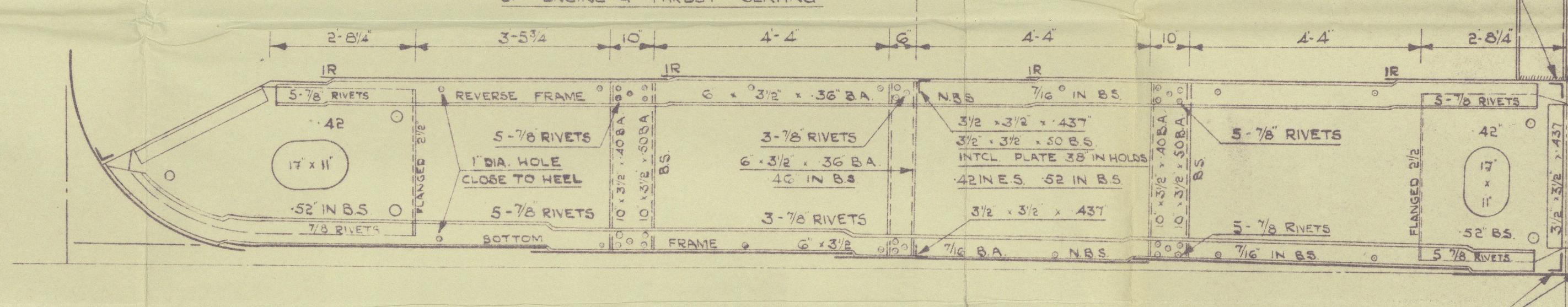
EQUIPMENT
2 BOWER ANCHORS 98 CNTS. EACH STOCKLESS
1 STREAM ANCHOR 19 CNTS EX STOCK
ETC FATHOMS 2 STD CHAIN CABLE TANCO
90 FATHOMS 5 FLEXIBLE STEEL WIRE 6-12
12 FATHOMS 4-1/4 SPECIAL FLEXIBLE STEEL WIRE 6-24
2 HANVERS 30 FATHOMS 2-1/4 FLEXIBLE STEEL WIRE 6-12
2 WARPS 78 FATHOMS 2-1/4 FLEXIBLE STEEL WIRE 6-12
50 FATHOMS 4-1/4 ON DOUBLE PURCHASE REEL 6-24
2-78 FATHOMS 3-1/2 SWR 6-12 WARPS
4-80 FATHOMS 7 MANILLA HANVERS

RIVETING NOTE
RIVETS IN FRAMES TO FLOORS AND CROSS TIE PLATES IN AFT PEAK SPACED 5 DIAMS. APART CR TO CR
RIVETS IN FRAMES TO SHELL AT FLAT OF DOUBLE BOTTOM FORD, SPACED 5/2 DIAMS (TWO COMPLETE ROWS)
RIVETS IN FRAMES TO FLOORS AT FLAT OF DOUBLE BOTTOM FORD, SPACED 5/2 DIAMS (TWO COMPLETE ROWS)
RIVETS IN SIDE FRAMES TO SHELL SPACED 5/2 DIAMS APART 5/2 DIAMS APART IN WAY OF DEEP TANKS & PEAK
TANKS AND DEEP FRAMING FORD
RIVETS IN BOTTOM FRAMES TO SHELL AFT HALF LENGTH FORD SPACED 7 DIAMS APART CR TO CR
RIVETS IN 3R BUTTS OF OUTSIDE PLATING AND OF DECK STRINGER PLATES SPACED 3/2 DIAMS APART CR TO CR
RIVETS IN 4R BUTTS OF OUTSIDE PLATING AND OF DECK STRINGER PLATES SPACED 4 DIAMS APART CR TO CR
RIVETS IN SEAMS OF SHELL PLATING DECK PLATING AND INNER BOTTOM PLATING AS PER TABLE 40
RIVETS IN BUTTS OF DECK PLATING INNER BOTTOM & MARGIN PLATING SPACED 4 DIAMS APART CR TO CR
RIVETS IN SEAMS & BUTTS OF BULKHEAD AND TUNNEL PLATING MARGIN ANGLES AND WEATHER DECK STRINGER
ANGLES AND BULKHEAD FRAME TO BULKHEAD SPACED 4/2 DIAMS APART CR TO CR
RIVETS IN FLAT KEEL ANGLES VERTICAL ANGLES CONNECTING FLOORS TO CENTRE GIRDERS AND SHELL FLANGE
OF WATERTIGHT BULKHEADS FRAME SPACED 5 DIAMS APART CR TO CR
RIVETS IN FRAMES TO FLOORS AFT HALF LENGTH FORD REVERSE FRAMES TO FLOORS AND INNER BOTTOM PLATING
VERTICAL ANGLES TO FLOORS AND SIDE GIRDERS, IN BULKHEAD STIFFENERS (EXCEPT TANK BULKHEADS) AND
IN DECK PLATING TO BEAMS ON EVERY FRAME SPACED 7 DIAMS APART CR TO CR
RIVETS IN CENTRE GIRDERS TOP ANGLES SPACED 7 DIAMS APART CR TO CR TOP FLANGE
RIVETS IN CENTRE GIRDERS TOP ANGLES SPACED 7 DIAMS APART CR TO CR VERTICAL FLANGE

THE SCANTLINGS OF ANGLES BULB ANGLE AND CHANNEL
SECTIONS GIVEN ON THIS PLAN ARE N.B.S.

STEM 10-2" STERNPOST FABRICATED RUDDERFRAME FABRICATED

ADDITIONAL SIDE GIRDERS IN WAY
OF ENGINE & THRUST BEARING



DISPOSITION OF FLOORS
SOLID FLOORS ON EVERY FRAME IN ENGINE SPACE, UNDER THRUST AND
FOR 45' LENGTH FOR 3' UNDER BOILER BEARERS & BULKHEADS.
ELSEWHERE SOLID FLOORS ON EVERY THIRD FRAME.
BRACKET FLOORS INTERMEDIATE AND AS SHOWN ON
PROFILE AND DECK PLAN

KEEL OUT

52-1/8 FOR 3/8" LEN \times TO
65 AT ENDS BUTTS LAPPED & 4R TO 3R
4 RIVETS IN BUTTS OVER 78

